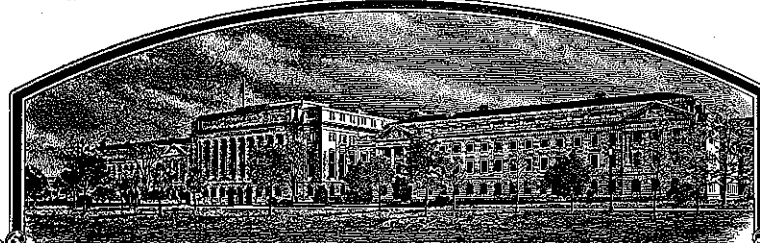


No.

200700154



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Golden Peanut Company, LLC

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PROPAGATING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE MARKED BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF SEEDS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

PEANUT

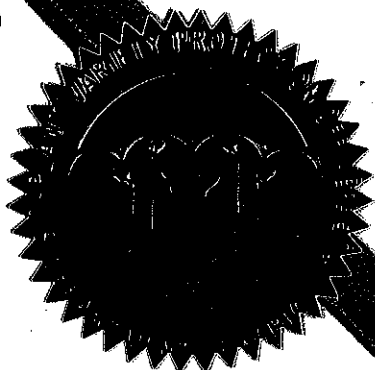
'AT-3085RO'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of February, the year two thousand and eight.

Attest:

Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

Secretary of Agriculture



**U.S. DEPARTMENT OF AGRICULTURE**  
**AGRICULTURAL MARKETING SERVICE**  
**SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE**

**APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE**  
*(Instructions and information collection burden statement on reverse)*

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

<b>1. NAME OF OWNER</b>  Golden Peanut Company, LLC		<b>2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME</b>  AT-3085R0		<b>3. VARIETY NAME</b>  AT-3085R0	
<b>4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)</b>  100 North Point Center East Suite 400 Alpharetta, Georgia 30022		<b>5. TELEPHONE (include area code)</b>  770-752-8165		<div style="border: 1px solid black; padding: 5px;"> <b>FOR OFFICIAL USE ONLY</b>  <b>PVPO NUMBER</b>  <div style="font-size: 1.5em; font-weight: bold;">#200700154</div> <b>FILING DATE</b>  <div style="font-size: 1.2em;">February 22, 2007</div> </div>	
<b>6. FAX (include area code)</b>  		<b>7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.)</b>  Limited Liability Company			
<b>8. IF INCORPORATED, GIVE STATE OF INCORPORATION</b>  Georgia		<b>9. DATE OF INCORPORATION</b>  		<div style="border: 1px solid black; padding: 5px;"> <b>FILING AND EXAMINATION FEES:</b>  <div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">F E E S R E C E I V E D</div> <div> <b>\$ 3,652 -</b>  <b>DATE 2/22/2007</b>  <b>CERTIFICATION FEE:</b>  <b>\$ 768 -</b>  <b>DATE 1/9/2008</b> </div> </div> </div>	
<b>10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)</b>  J. Ernest Harvey 248 Kingfisher Rd. Abbeville, GA 31001					
<b>11. TELEPHONE (Include area code)</b>  229-467-2202	<b>12. FAX (Include area code)</b>  	<b>13. E-MAIL</b>  jeromeharvey@windstream.net			
<b>14. CROP KIND (Common Name)</b>  Peanut	<b>16. FAMILY NAME (Botanical)</b>  Leguminosae	<b>18. DOES THE VARIETY CONTAIN ANY TRANSGENES? (OPTIONAL)</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERCIALIZATION.			
<b>15. GENUS AND SPECIES NAME OF CROP</b>  	<b>17. IS THE VARIETY A FIRST GENERATION HYBRID?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO	<b>20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act)</b> <input checked="" type="checkbox"/> YES (If "yes", answer items 21 and 22 below) <input type="checkbox"/> NO (If "no", go to item 23)			
<b>19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)</b> a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$3,652), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)		<b>21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED <b>22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS. <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED <i>(If additional explanation is necessary, please use the space indicated on the reverse.)</i>			
<b>23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. <i>(Please use space indicated on reverse.)</i>		<b>24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)?</b> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. <i>(Please use space indicated on reverse.)</i>			

25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

<b>SIGNATURE OF OWNER</b> 		<b>SIGNATURE OF OWNER</b> 	
<b>NAME (Please print or type)</b>  Robert T. Parker IV Vice President Procurement		<b>NAME (Please print or type)</b>  	
<b>DATE</b>  02-16-06		<b>DATE</b>  	

(See reverse for instructions and information collection burden statement)

**GENERAL INSTRUCTIONS:** To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable (*in the sense that it will reproduce an entire plant*) tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). **NEW:** With the application for a seed reproduced variety **or by direct deposit soon after filing**, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to **reproduce** the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. **Retain one copy for your files.** All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

**NOTES:** It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

**Plant Variety Protection Office**  
**Telephone:** (301) 504-5518 **FAX:** (301) 504-5291  
**General E-mail:** PVPOmail@usda.gov  
**Homepage:** <http://www.ams.usda.gov/science/pvpo/PVPindex.htm>

#### SPECIFIC INSTRUCTIONS:

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. <http://www.ams.usda.gov/lsg/seed.htm>.

#### ITEM

- 19a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;  
 (2) the details of subsequent stages of selection and multiplication;  
 (3) evidence of uniformity and stability; and  
 (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:  
 (1) identify these varieties and state all differences objectively;  
 (2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and  
 (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
20. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

**22. CONTINUED FROM FRONT** (Please provide a statement as to the limitation and sequence of generations that may be certified.)

**23. CONTINUED FROM FRONT** (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

**24. CONTINUED FROM FRONT** (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

### Exhibit A. Origin and Breeding History

The hybridization and pedigree selection method of plant breeding was used in the development of 'AT-3085RO'.

In 1994, the cross of 'H95' and GK-7 HO was made. The H95 parent was obtained by Agra Tech Seeds, Inc. from North Carolina State University. H95 was derived from an interspecific cross using the wild species Arachis batizocoi. During the segregating generations selections were made for desirable agronomic traits and resistance to diseases. H95 exhibited good resistance to TSWV. The 'GK-7 HO' parent is an Agra Tech variety.

Over the following eight generations, offspring from this cross were planted in progeny rows and selections made for the high-oleic trait, uniformity of pod and seed size, commercial runner market type, high yield and grade and TSWV resistance. The line was considered stable and no further segregation was noted in 2002.

Tests were conducted from 2004 to present. Pod and seed characteristics, TSWV resistance and plant phenotype have remained constant. 'AT-3085RO' has no apparent variants.

### Exhibit A – Origin and Breeding Statement (Amended)

'AT-3085RO' and 'AT-3081R' were developed from two different crosses. Even so, the parents used in the two crosses are related. 'AT-3081R' was selected from a cross between 'GK-7' and 'H95' and 'AT-3085RO' was selected from a cross between 'GK7HO' and 'H95'. Agratech was attempting to develop two similar varieties, one with the high oleic trait and the other with a normal fatty acid profile.

AT-3085RO has been observed at several locations for five generations of testing and seed reproduction and is stable and uniform.

## Exhibit B – Statement of Distinctness

The variety designated as 'AT-3085RO' has been selected for the high-oleic trait, high yields and TSWV resistance.

'AT-3085RO' is most similar to 'AT-3081R' in that both are commercial runner market types with a pink testa. Both have a prostrate plant growth habit and a very prominent main stem during the growing season.

'AT-3085RO' differs from 'AT-3081R' in seed size and fatty acid composition (see Exhibit C). The seed size data shows that 'AT-3085RO' has a significantly higher percentage of large kernels riding the 21/64" slotted screen and significantly lower percentage riding the 16/64" slotted screen. The fatty acid profile of 'AT3085RO' shows that the fat has 81.37% oleic and 4.97% linoleic compared to 49.63% oleic and 31.48% linoleic for 'AT-3081R'. The o/l ratio for 'AT-3085RO' is 16.37 compared to 1.58 for 'AT-3081R'.

'AT-3085RO' also has better resistance to TSWV than 'AT-3081R' (see Exhibit C).

There are no molecular markers known in the application variety or the most similar variety.

## Fatty Acid Profile – Analysis by J. Leek Associates, Albany, GA

Variety	O/L ratio	16:0	18:00	18:1	18:2	18:3	20:0	20:1	22:0	24:0
AT-3081R	1.58	8.82	2.22	49.63	31.48	0.00	1.23	1.52	3.18	1.93
AT-3085RO	16.37	5.84	2.14	81.37	4.97	0.00	1.24	1.15	2.10	1.19

ADP  
none  
conversion 2005  
12/5/07

## Seed Size Data – Analysis by J. Leek Associates, Albany, GA

## Screen Sizes

Variety	+21/64	+18/64	+16/64	+15/64
AT-3081R	37%	47%	14.7%	1.2%
AT-3085RO	67%	32%	0.7%	0.1%

## Yield Data: 2004-2006

## 2004

Variety	Ashburn, GA	Plains, GA	Headland, AL	Average
AT-3081R	4872	3616	4946	4478
AT-3085RO	5147	3468	5300	4638

## 2005

Variety	Ashburn, GA	Plains, GA	Headland, AL	Average
AT-3081R	4114	3948	4370	4144
AT-3085RO	4356	3690	4860	4302

## 2006

Variety	Ashburn, GA	Plains, GA	Headland, AL	Average
AT-3081R	4033	3638	5445	4372
AT-3085RO	4078	3750	5808	4545

## TSWV Data: 2004-2006

## Wiregrass Research and Extension Center, Headland, AL

## Non-irrigated

Variety	2004	2005	2006	Average
AT-3081R	16.00	16.25	9.50	13.92
AT-3085RO	15.00	6.50	3.75	8.42

CV % 23.63 32.13 52.96

LSD (.05) 6.32 5.04 3.719

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Irrigated				
Variety	2004	2005	2006	Average
AT-3081R	21.75	21.00	18.50	20.42
AT-3085RO	12.00	9.50	9.50	10.33
CV %	23.20	26.50	36.30	
LSD (.05)	6.15	5.46	6.32	

#200700154

JLA - Albany  
1200 Wyandotte Dr.  
Albany, GA 37105



229-889-8293  
Fax: 229-888-1166  
Email: jlaalbany@jlaglobal.com  
www.jlaglobal.com

**CERTIFICATE OF ANALYSIS****Report To:**

Golden Peanut Company  
100 North Point Center  
Alpharetta, GA 30022  
USA

**Date of Report:** 12/10/2007**Date Received:** 12/8/2007**JLA Sample ID:** 030712-0370-001**Client Label:** AT 3085 RO**Description:** Unofficial**Remarks:** Application No. 200700154

<b>Analysis:</b>	<b>Method:</b>	<b>Units</b>	<b>Results</b>
<b>Fatty Acid Composition</b>	<b>AOAC 969.33</b>		
Palmitic Acid (16:0)		%	6.22
Stearic Acid (18:0)		%	2.29
Oleic Acid (18:1)		%	87.01
Linoleic Acid (18:2)		%	3.39
Linolenic Acid (18:3)		%	0.00
Arachidic Acid (20:0)		%	0.28
Eicosenoic (20:1)		%	0.39
Behenic Acid (22:0)		%	0.29
Erucic Acid (22:1)		%	0.00
Lignoceric Acid (24:0)		%	0.00
Oleic/Linoleic Acid Ratio		%	25.67

**Comments:****Reviewed and Approved by:**

Barbara Glover



#200700154

JLA - Albany  
1200 Wyandotte Dr.  
Albany, GA 37105



229-889-8293  
Fax: 229-888-1166  
Email: jlaalbany@jlaglobal.com  
www.jlaglobal.com

**CERTIFICATE OF ANALYSIS****Report To:**

Golden Peanut Company  
100 North Point Center  
Alpharetta, GA 30022  
USA

**Date of Report:** 12/10/2007**Date Received:** 12/8/2007**JLA Sample ID:** 030712-0371-001**Client Label:** AT 3081 R**Remarks:****Description:** Unofficial

Analysis:	Method:	Units	Results
Fatty Acid Composition	AOAC 969.33		
Palmitic Acid (16:0)		%	10.33
Stearic Acid (18:0)		%	2.21
Oleic Acid (18:1)		%	53.50
Linoleic Acid (18:2)		%	32.12
Linolenic Acid (18:3)		%	0.00
Arachidic Acid (20:0)		%	0.31
Eicosenoic (20:1)		%	0.31
Behenic Acid (22:0)		%	0.63
Erucic Acid (22:1)		%	0.00
Lignoceric Acid (24:0)		%	0.12
Oleic/Linoleic Acid Ratio		%	1.67

**Comments:****Reviewed and Approved by:**

Barbara Glover

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The walk OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY  
PLANT VARIETY PROTECTION OFFICE  
BELTSVILLE, MD 20705

Exhibit C

# OBJECTIVE DESCRIPTION OF VARIETY

## Peanut (*Arachis hypogaea*)

NAME OF APPLICANT (S)	TEMPORARY OR EXPERIMENTAL DESIGNATION	VARIETY NAME
Golden Peanut Company, LLC		AT-3085R0
ADDRESS (Street and No. or RD No., City, State, Zip Code, and Country)		FOR OFFICIAL USE ONLY
100 North Point Center East Suite 400 Alpharetta, GA 30022		PVPO NUMBER
		#200700154

### PLEASE READ ALL INSTRUCTIONS CAREFULLY:

Place the appropriate number that describes the varietal character of this variety in the boxes below. Place a zero in the first box

e.g.,    or   ) when a number is either 99 or less or 9 or less.

#### 1. BOTANICAL TYPE:

<input type="text" value="1"/>	Flowering on the Main Stem:	1 = Absent	2 = Present
<input type="text" value="1"/>	Branching Pattern:	1 = Alternate - Pairs of vegetative and reproductive branches (Virginia) 2 = Sequential - Continuous reproductive branches (Valencia-Spanish) 3 = Other (Specify) _____	

#### 2. PLANT:

<input type="text" value="1"/>	Habit:	1 = Prostrate (Florunner)	2 = Decumbent (NC-5)	<input type="text" value="3"/>	Branching:	1 = Sparse (Valencia)	2 = Moderate (Starr)
		2 = Semi-Erect (Florspan)	4 = Erect (Starr)			3 = Profuse (Florunner)	

RAD 10/31/07

#### 3. MATURITY:

<input type="text" value="2"/>	Region:	1 = Virginia, North Carolina	2 = Southeast United States	3 = Southwest United States	4 = Other
<input type="text" value="1"/> <input type="text" value="3"/> <input type="text" value="5"/>	Number of Days to Maturity				
<input type="text" value="1"/> <input type="text" value="0"/>	Number of Days Earlier Than	<input type="text" value="7"/>	1 = Starr	2 = Florunner	3 = Florigiant
<input type="text" value="1"/> <input type="text" value="5"/>	Number of Days Later Than	<input type="text" value="1"/>	4 = Virginia 61R	5 = NC-2	
			6 = NC-5	7 = Southeastern Runner 56-15	
			8 = Other (Specify) _____		

#### 4. LEAVES:

<input type="text" value="3"/>	Color at 60 Days (Nickerson Color Designation)	1=Light Green (10gy 6/9)
<input type="text" value="6"/> <input type="text" value="3"/>	mm Leaflet Length (Basal Leaflet of the Youngest Fully Opened Leaf)	2= Medium Green (2.5G 5/9)
<input type="text" value="4"/> <input type="text" value="0"/> <input type="text" value="8"/>	Leaflet Length/Width Ratio	3=Dark green (5G 4/7)
		4= Other (Specify)

The TSWV ratings shown in Exhibit C are the actual feet of row infected with TSWV. Plot size was two rows twenty feet long (40 feet). Whatever the rating, its that number in 40 feet of row.

## 5. POD (Average for 20 pods at maturity):

mm Length       mm Diameter      #200700154

KG./HA. Pod Yield

% Less Than       } 1 = Starr      2 = Florunner 3 = Florigiant  
 % More Than      4 = Virginia 61R      5 = NC-2  
    6 = NC-5      7 = Southeastern Runner 56-15  
    8 = Other (Specify) AT-3081R

% Fancy Size: (% riding 13.46 mm., 34/64 Inch, Spacing Set on Presizer Roller)

Number of Seeds per Pod:      1 = 1      2 = 2      3 = 3      4 = 3-4      5 = 2-3-4

Constriction:      1 = Shallow or None (Virginia 56R, Argentine)      2 = Medium (Virginia 61R)      3 = Deep (Starr)

Surface:      1 = Glabrous (Florunner)      2 = Pubescent (Florispan)

Beak:      1 = Absent      2 = Inconspicuous      3 = Pronounced

## 6. SEED (Mature, cured but not aged):

Coat Color:      1 = White (Pearl)      2 = Cream      3 = Tan (Starr)      4 = Brown      5 = Pink (Florigiant)  
    6 = Red      7 = Purple      8 = Dark Purple      9 = Variegated  
    10 = Other (Specify) \_\_\_\_\_

Coat Surface:      1 = Smooth      2 = Undented       1 = Uniform Color      2 = Blemished      R1AD 10/31/07

Shape:      1 = Spheriodal (Starr)      2 = Short Broad (Florunner)      3 = Elongated-Slender (Dixie Runner)  
    4 = Cylindrical-tapered Ends      5 = Cylindrical Blunt Ends (NC-2)      6 = Other (Specify) \_\_\_\_\_

mm Length       mm Width       Grams per 100g Seeds (8% Moisture)

## 7. DISEASE RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

Southern Stem Rot       Rust       Early Leaf Spot       Virus X  
 Southern Leaf Spot       Mosaic       Pod Rot Complex       Other (Specify) \_\_\_\_\_

## 8. INSECT RESISTANCE: (0 = Not Tested, 1 = Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Resistant)

Thrips       Burrowing Bug       Leaf Hopper       Nematode (Specify species) \_\_\_\_\_  
 Southern Corn Rootworm       Lesser Cornstalk Borer       Aphid       Other (Specify) \_\_\_\_\_

## 9. COMPARISON OF SUBMITTED VARIETY WITH ONE OR MORE SIMILAR VARIETIES:

VARIETY	OIL* (%)	PROTEIN* (%)	OLEIC: * LINOLEIC ACID RATIO	IODINE* NUMBER	SHELLING (%)	SMK** (%)	ELK+ (%)	MAIN STEM HEIGHT (CM)
Submitted	48.1	27.63	16.37	---	74	70	54	48.8
Similar	46.7	29.13	1.58	----	73	68	48	44.7
Name of Similar Variety	AT-3081R	AT-3081R	AT=3081R		AT-3081R			AT-3081R

\* From Sound Mature Kernels

\*\* Sound Mature Kernels

+ Extra Large Kernels

## 10. INDICATE A VARIETY WHICH MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	VARIETY	CHARACTER	VARIETY
Pod Color	GK-7	Seedling Vigor	AT-3081R
Seed Dormancy	GK-7	Hull Thickness	GK-7
Seed Size	C99R	Leaf Color	AT-3081R

## 11. COMMENTS: (Additional description or clarification – such as: relative disease reactions may be compared with standard varieties)

#200700154

JLA - Albany  
1200 Wyandotte Dr.  
Albany, GA 37105



229-889-8293  
Fax: 229-888-1166  
Email: jlaalbany@jlaglobal.com  
www.jlaglobal.com

**CERTIFICATE OF ANALYSIS****Report To:**

Golden Peanut Company  
100 North Point Center  
Alpharetta, GA 30022  
USA

Reprinted 12/10/2007  
Date of Report: 12/10/2007  
Date Received: 12/10/2007  
JLA Sample ID: 030712-0370-002

Client Label: AT 3085 RO

Remarks: *Application No 200700154*

Description: Unofficial

Analysis:	Method:	Units	Results
Seed Size Distribution			
Jumbo +21/64X3/4		%	62.2
Medium +18/64X3/4		%	34.0
NO 1's + 16/64X3/4		%	6.4
Splits +17 Round		%	0.2

Comments:

Reviewed and Approved by:

*Barbara Glover*

Barbara Glover

#200700154

JLA - Albany  
1200 Wyandotte Dr.  
Albany, GA 37105



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Fax: 229-888-1166  
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**CERTIFICATE OF ANALYSIS****Report To:**

Golden Peanut Company  
100 North Point Center  
Alpharetta, GA 30022  
USA

Reprinted 12/10/2007  
Date of Report: 12/10/2007  
Date Received: 12/10/2007  
JLA Sample ID: 030712-0371-002

**Client Label:** AT 3081 R**Remarks:****Description:** Unofficial

Analysis:	Method:	Units	Results
Seed Size Distribution			
Jumbo +21/64X3/4		%	60.2
Medium +18/64X3/4		%	35.2
NO 1's + 16/64X3/4		%	4.8
Splits +17 Round		%	5.0

**Comments:****Reviewed and Approved by:**

Barbara Glover

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U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

**EXHIBIT E**  
**STATEMENT OF THE BASIS OF OWNERSHIP**

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Golden Peanut Company, LLC		AT-3085R0
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)
100 North Point Center East Suite 400 Alpharetta, GA 30022	770-752-8165	
	7. PVPO NUMBER	
		#200700154
8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain.		
		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country. ☒ YES ☐ NO10. Is the applicant the original owner? ☒ YES ☐ NO If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☒ YES ☐ NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☒ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

**PLEASE NOTE:**

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice) or (202) 720-2600 (TDD).

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). U.S. Department of Agriculture is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE AND TECHNOLOGY  
PLANT VARIETY PROTECTION OFFICE  
BELTSVILLE, MD 20705

## EXHIBIT F

## DECLARATION REGARDING DEPOSIT

#200700154

NAME OF OWNER (S)

ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)

TEMPORARY OR EXPERIMENTAL DESIGNATION

Golden Peanut Company, LLC  
100 North Point Center East  
Suite 400  
Alpharetta, GA 30022

VARIETY NAME

AT-3085RO

NAME OF OWNER REPRESENTATIVE (S)

ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)

J. Ernest Harvey  
248 Kingfisher Rd.  
Abbeville, GA 31001

FOR OFFICIAL USE ONLY

PVPO NUMBER

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Signature

  
Robert T. Parker IV  
Vice President Procurement

Date

02-16-06

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